

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	35	359/618.ccls. and @pd>="20100731"	US-PGPUB; USPAT	OR	ON	2011/04/11 07:09
L2	587	359/619,621,623,627;355/71,53,67;372/103.ccls. and @pd>="20100731"	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L3	1	"20070273957"	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L4	7	((("4,995,693") or ("5,195,103") or ("5,682,265") or ("6,563,567") or ("6,542,531") or ("6,546,029") or ("20020191913")).PN.	US-PGPUB; USPAT	OR	OFF	2011/04/11 07:10
L5	1256	359/618.ccls.	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L6	12609	359/619,621,623,627;355/71,53,67;372/103.ccls.	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L7	12827	359/619,621,623,627,639;355/71,53,67;372/103.ccls.	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L8	3470	spatially near5 light near5 beams	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L9	18126	beam near5 shaping	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L10	415	L8 and L9	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L11	63	L8 same L9	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L12	226	combin\$4 near20 (spatially near5 light near5 beam)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L13	19	combin\$4 near20 (spatially near5 light near5 beam) same diffract\$4	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L14	3	spatially near5 seperated near5 (light beam)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10

L15	3604	spatially near5 separated near5 (light beam)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L16	534	((spatially near5 separated near5 (light beam)) same diffract\$5	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L17	44	((spatially near5 separated near5 (light beam)) same (diffract\$5) same (combin\$3 near5 (light beam))	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L18	4	((spatially near5 separated near5 (light beam)) same (diffract\$5) same (combin\$3 near5 (light beam))) same intensity	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L19	19	combin\$4 near20 (spatially near5 light near5 beam) same diffract\$4	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L20	40	L17 not L19	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L21	11	((spatially near5 separated near5 (light beam)) same (increas\$3 near5 intensity)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L22	1	((combining near5 spatially near5 separated near5 (light beam)) same (increas\$3 near5 intensity)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L23	37	((combining near5 spatially near5 separated near5 (light beam))	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L24	350	rectangular near10 intensity near10 profile	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L25	1256	359/618.ccls.	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L26	2	L25 and L24	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L27	12827	359/619,621,623,627,639;355/71,53,67;372/103.ccls.	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L28	19	L24 and L27	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L29	162	Dammann near3 grating	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L30	5	L27 and L29	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L31	184	tophat	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10

L32	58	tophat near20 (beam light)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L33	1	L32 and (L25 L27)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L34	4	L31 and (L25 L27)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L35	68	combining near20 (spatially adj5 separated) near10 (light beam)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L36	10	((combining near20 (spatially adj5 separated) near10 (light beam)) same (grating diffract\$4)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L37	248	((combining near5 (light beams)) same (increas\$3 near5 (intensity brightness)))	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L38	0	((combining near5 (light beams)) same (increas\$3 near5 (intensity brightness))) near20 diffraction	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L39	10	((combining near5 (light beams)) same (increas\$3 near5 (intensity brightness))) same diffract\$3	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L40	1	("4701005").PN.	US-PGPUB; USPAT	OR	OFF	2011/04/11 07:10
L41	32	("3619023" "3743376" "4054356" "4148549" "4312559" "4355858" "4393126" "4416505" "4447111" "4465332").PN. OR ("4701005").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/11 07:10
L42	0	invers near5 dammann near3 grating	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L43	1	inverse near5 dammann near3 grating	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L44	162	dammann near3 grating	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L45	170	dammann near5 grating	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L46	1	(dammann near5 grating) near10 (opposite inverse)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L47	5	L27 and L45	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L48	1	inverse near5 dammann	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10

L49	184	tophat	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L50	0	(L25 and L27) and L49	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L51	136	L49 and (light beam)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L52	60	tophat same (light beam)	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L53	16	tophat same (light beam) same diffract\$3	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L54	44	((spatially near5 separated near5 (light beam)) same (diffract\$5) same (combin\$3 near5 (light beam)))	US-PGPUB; USPAT	OR	ON	2011/04/11 07:10
L55	549	spatially near5 light near5 beams	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L56	4675	beam near5 shaping	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L57	18	combin\$4 near20 (spatially near5 light near5 beam)	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L58	1	combin\$4 near20 (spatially near5 light near5 beam) same diffract\$4	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L59	459	spatially near5 separated near5 (light beam)	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L60	1	combin\$4 near20 (spatially near5 light near5 beam) same diffract\$4	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L61	27	rectangular near10 intensity near10 profile	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L62	5	combining near20 (spatially adj5 separated) near10 (light beam)	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10

L63	27	(combining near5 (light beams)) same (increas\$3 near5 (intensity brightness))	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L64	21	dammann near3 grating	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L65	1	tophat same (light beam) same diffract\$3	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L66	18	L56 and L55	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L67	1	L56 and L59	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L68	2	L59 and L61	FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/11 07:10
L69	0	light near3 sourc3.clm.	US-PGPUB; USPAT	OR	ON	2011/04/11 07:12
L70	162508	light near3 source.clm.	US-PGPUB; USPAT	OR	ON	2011/04/11 07:12
L72	36	dammann near3 grating.clm.	US-PGPUB; USPAT	OR	ON	2011/04/11 07:12
L73	3041	beam near4 shaping.clm.	US-PGPUB; USPAT	OR	ON	2011/04/11 07:12
L74	2	70 and 72 and 73	US-PGPUB; USPAT	OR	ON	2011/04/11 07:13

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L75	279338	light near3 source	USPAT; UPAD	OR	ON	2011/04/11 07:13
L76	91	dammann near3 grating	USPAT; UPAD	OR	ON	2011/04/11 07:13
L77	9617	beam near4 shaping	USPAT; UPAD	OR	ON	2011/04/11 07:13

L78	11	75 and 76 and 77	USPAT; UPAD	OR	ON	2011/04/11 07:14
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